

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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application of:

Jang et al.

Serial No. 10/614,564

Filed: July 7, 2003

For: METHOD AND APPARATUS FOR

FILTERING CONTAMINANTS

Group Art Unit: Not Assigned

Examiner: Unknown

TRANSMITTAL

Mail Stop Patent Application Commissioner For Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Enclosed are the following regarding the above-identified patent application:

- 1. Power of Attorney for Patent Application; and
- 2. return postcard.

The Commissioner is hereby authorized to charge payment of any further fees associated with any of the papers submitted herewith or to credit any overpayment to Deposit Account No. 08-1394.

Respectfully submitted,

David M. O'Dell Reg. No. 42,044

Date: 9-25-03

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R-56038

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Signature of person mailing paper and fee



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Attorney Docket No.:

24061.13

Jang, et al.

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TSMC2002-0894

Serial No.: Unknown

§ § §

Customer No. 27683

Filed: Herewith

Group Art Unit: Unknown

For:

METHOD AND APPARATUS FOR

Examiner: n/a

FILTERING CONTAMINANTS

Commissioner for Patents Washington, D.C. 20231

POWER OF ATTORNEY FOR PATENT APPLICATION

As a representative of the Assignee, Taiwan Semiconductor Manufacturing, Inc., I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

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The undersigned is the representative for the Assignee of the entire right, title, and interest in the patent application identified above. A copy of the assignment or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is authorized to act on behalf of the Assignee.

Taiwan Semiconductor Manufacturing, Inc.

Date

Chien-Wei Chou

Title: Director, IP Division

9-23-03